

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 368292000200

Application Number 10/025,514

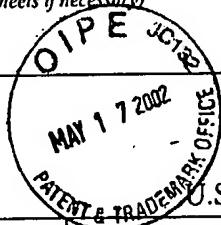
Applicant

Philip J. BARR et al.

Filing Date December 18, 2001

Group Art Unit 1653

Mailing Date May 10, 2002



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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
dwf	1.	06/11/1985	4,522,811	Eppstein et al.			
dwf	2.	03/22/1988	4,732,973	Barr et al.			
dwf	3.	05/24/1988	4,746,648	Wagnon et al.			
dwf	4.	06/21/1988	4,752,576	Brake et al.			
dwf	5.	07/26/1988	4,760,130	Thompson et al.			
dwf	6.	07/04/1989	4,845,076	Heinzel et al.			
dwf	7.	09/26/1989	4,870,008	Brake			
dwf	8.	10/10/1989	4,873,316	Meade et al.			
dwf	9.	03/03/1992	5,093,316	Lezdey et al.			
dwf	10.	03/01/1994	5,290,762	Lezdey et al.			
dwf	11.	07/12/1994	5,328,470	Nabel et al.			
dwf	12.	11/07/1995	5,464,822	Christophers et al.			
dwf	13.	01/21/1997	5,595,885	Stetler-Stevenson et al.			
dwf	14.	05/27/1997	5,633,227	Muller et al.			
dwf	15.	07/01/1997	5,643,752	Hawkins et al.			
dwf	16.	07/14/1998	5,780,440	Lezdey et al.			
dwf	17.	12/15/1998	5,849,691	Majer et al.			
dwf	18.	12/22/1998	5,851,983	Sugiyama et al.			
dwf	19.	02/16/1999	5,871,956	Bandyopadhyay et al.			
dwf	20.	05/04/1999	5,900,400	Thompson et al.			
dwf	21.	06/22/1999	5,914,392	Hawkins et al.			
dwf	22.	11/16/1999	5,985,309	Edwards et al.			
dwf	23.	01/25/2000	6,017,880	Eisenberg et al.			
dwf	24.	05/30/2000	6,068,994	Barr			
dwf	25.	09/26/2000	6,124,257	Lezdey et al.			
dwf	26.	10/17/2000	6,131,566	Ashurst et al.			

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	27.	10/24/2000	6,136,295	Edwards et al.			
	28.	11/07/2000	6,143,277	Ashurst et al.			
	29.	02/13/2001	RE37,053 E	Hanes et al.			
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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	33.	03/09/1983	EP 0 073 657 A1, B1	Europe			
	34.	04/10/1986	WO 86/02100 A1	WIPO			
	35.	06/19/1986	WO 86/03519 A1	WIPO			
	36.	04/20/1988	EP 0 264 166 A1	Europe			
	37.	12/27/1990	EP 0 404 750 B1	Europe			
	38.	04/19/1995	EP 0 648 838 A1	Europe			

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Examiner Initials	Ref. No.	Title
<i>df</i>	39.	Agarwal, N. S. and Rich, D. H. (1986). "Inhibition of Cathepsin D by Substrate Analogues Containing Statine and by Analogues of Pepstatin," <i>J. Med. Chem.</i> 29:2519-2524.
<i>df</i>	40.	Ausubel, F. M. et al. (2001). <u>Current Protocols in Molecular Biology</u> . John Wiley & Sons, Inc. 11 pages total (Table of Contents for Volumes 1-4 only).
<i>df</i>	41.	Aviles, F. X. (1993). <u>Innovations in Proteases and Their Inhibitors</u> . W. DeGruyter, Berlin, N.Y. total pages 5. (Table of Contents).
<i>df</i>	42.	Baldwin, E. T. et al. (July 1993). "Crystal Structures of Native and Inhibited Forms of Human Cathepsin D: Implications for Lysosomal Targeting and Drug Design," <i>Proc. Natl. Acad. Sci.</i> 90:6796-6800.
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EXAMINER:*M. Pollock***DATE CONSIDERED:***07/04/04*

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61.	Docherty, A. J. P. et al. (November 1985). "Sequence of Human Tissue Inhibitor of Metalloproteinases and its Identity to Erythroid-Potentiating Activity," <i>Nature</i> 318:66-69.
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91.	Murphy, G. et al., eds. (August 1991). "The N-Terminal Domain of Tissue Inhibitor of Metalloproteinases Retains Metalloproteinase Inhibitory Activity," <i>Biochemistry</i> 30(33):8097-8102.
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<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	96.	Pennington, M. W. et al. (1990). <u>Twenty-First European Peptide Symposium</u> . Gimet E. and Andrew D, eds. Escom; Leiden, Netherlands, pgs. xvii-li. (Table of Contents).
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	97.	Pinkert, C. A. et al. (1987). "An Albumin Enhancer Located 10 kb Upstream Functions Along with its Promoter to Direct Efficient, Liver-Specific Expression in Transgenic Mice," <i>Genes & Dev.</i> 1:268-276.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	98.	Potempa, J. et al. (June 1994). "The Serpin Superfamily of Proteinase Inhibitors: Structure, Function, and Regulation," <i>The J. of Biol. Chem.</i> 269(23):15957-15960.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	99.	Queen, C. and Baltimore, D. (July 1983). "Immunoglobulin Gene Transcription Is Activated by Downstream Sequence Elements," <i>Cell</i> 33:741-748.
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<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	103.	Stevenson-Stetler, W. G. et al. (August 1990). "Tissue Inhibitor of Metalloproteinases-2 (TIMP-2): mRNA Expression in Tumor Cell Lines and Human Tumor Tissues," <i>The J. of Biol. Chem.</i> 265(23):13933-13938.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	104.	Teshima, T. et al. (May 1982). "A New Class of Heterocyclic Serine Protease Inhibitors," <i>The J. of Biol. Chem.</i> 257(9):5085-5091.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	105.	Turk, V. and Bode, W. (July 1991). "The Cystatins: Protein Inhibitors of Cysteine Proteinases," <i>FEBS Lett.</i> 285(2):213-219.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	106.	Umezawa, H. et al. (May 1970). "Pepstatin, A New Pepsin Inhibitor Produced By Actinomycetes," <i>The J. of Antibiot.</i> 23(5):259-262.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	107.	Vogelmeier, C. et al. (1990). "Aerosolization of Recombinant SLPI to Augment Antineutrophil Elastase Protection of Pulmonary Epithelium," <i>J. Appl. Physiol.</i> 69(5):1843-1848.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	108.	Wada, K. et al. (1992). "Codon Usage Tabulated from the GenBank Genetic Sequence Data," <i>Nucleic Acids Res.</i> 20:2111-2118.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	109.	Weir, D. M., eds. <u>Handbook of Experimental Immunology in Four Volumes</u> . L.A. Herzenberg and C. Blackwell co-eds., Blackwell Scientific Publications, Oxford, Total pages 27. (Table of Contents for Volumes 1-4).
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	110.	Wilde, C. G. et al. (1994). "Cloning and Characterization of Human Tissue Inhibitor of Metalloproteinases-3," <i>DNA and Cell Biol.</i> 13(7):711-718.
<div style="font-family: cursive; font-size: 1.2em;">dwf</div>	111.	Wilhem, S. M. et al. (October 1987). "Human Skin Fibroblast Stromelysin: Structure, Glycosylation, Substrate Specificity, and Differential Expression in Normal and Tumorigenic Cells," <i>Proc. Natl. Acad. Sci.</i> 84:6725-6729.

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112.	Willenbrock, F. et al. (1993). "The Activity of the Tissue Inhibitors of Metalloproteinases Is Regulated by C-Terminal Domain Interactions: A Kinetic Analysis of the Inhibition of Gelatinase A," <i>Biochemistry</i> 32(16):4330-4337.
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EXAMINER: <u>Michael</u>	DATE CONSIDERED: <u>7/4/04</u>
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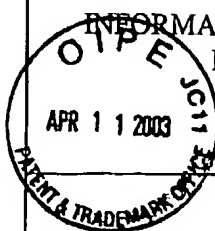
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dwl	1.	09/28/1988	EP 0 283 932	Europe			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
dwl	2.	Barnes, P.J. (1999). "Novel Approaches and Targets for Treatment of Chronic Obstructive Pulmonary Disease," <i>American Journal of Respiratory and Critical Care Medicine</i> 160(5):S72-S79.
dwl	3.	Lee, G.F. et al. (1997). "Potent Bifunctional Anticoagulants: Kunitz Domain—Tissue Factor Fusion Proteins," <i>Biochemistry</i> 36(19):5607-5611.
dwl	4.	Schasteen, C.S. et al. (1991). "Synthetic Peptide Inhibitors of Complement Serine Proteases - III. Significant Increase In Inhibitor Potency Provides Further Support For The Functional Equivalence Hypothesis," <i>Molecular Immunology</i> 28(1/2):17-26.
dwl	5.	Urwin, P.E. et al. (1998). "Enhanced Transgenic Plant Resistance to Nematodes by Dual Proteinase Inhibitor Constructs," <i>Planta</i> 204:472-479.

EXAMINER:

Malucke

DATE CONSIDERED:

07/04/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.